

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|---------------------|
| L1 | 1 | (perovskite or abo3 or "abo.sub.3") near10 membrane near10 coat\$5 near10 catalyst near10 ((magnesium adj oxide) or (palladium or pd or platinum or pt or silver or ag or gold or au or rhenium or re or rhodium or rh or ruthenium or ru or iridium or ir or noble or precious)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/11/04 10:59 |
| L2 | 7 | (perovskite or abo3 or "abo.sub.3") same membrane near10 coat\$5 near10 catalyst near10 ((magnesium adj oxide) or (palladium or pd or platinum or pt or silver or ag or gold or au or rhenium or re or rhodium or rh or ruthenium or ru or iridium or ir or noble or precious)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/11/04 11:00 |
| L3 | 1048 | oxygen near10 conducting near10 membrane | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/11/04 11:10 |
| L4 | 546 | membrane near10 coat\$5 near10 catalyst near10 ((magnesium adj oxide) or (palladium or pd or platinum or pt or silver or ag or gold or au or rhenium or re or rhodium or rh or ruthenium or ru or iridium or ir or noble or precious)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/11/04 11:10 |
| L5 | 17 | 3 4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/11/04 11:10 |

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|-----|------|---|---|-----|-----|---------------------|
| L11 | 2 | membrane same ((ba adj2 co adj2 (o3 or "o.sub.3")) or (ba adj2 fe adj2 (o3 or "o.sub.3")) or (sr adj2 fe adj2 (o3 or "o.sub.3")) or (sr adj2 co adj2 (o3 or "o.sub.3")))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/11/04 11:44 |
| L12 | 11 | membrane ((ba adj2 co adj2 (o3 or "o.sub.3")) or (ba adj2 fe adj2 (o3 or "o.sub.3")) or (sr adj2 fe adj2 (o3 or "o.sub.3")) or (sr adj2 co adj2 (o3 or "o.sub.3")))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/11/04 11:46 |
| S67 | 88 | 204/639.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | AND | ON | 2008/10/20 08:09 |
| S68 | 1089 | 502/328.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | AND | ON | 2008/10/20 08:11 |
| S76 | 373 | ("502" "96").clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | AND | ON | 2008/10/20 08:15 |
| S77 | 10 | ("502" "96" "204").clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | AND | ON | 2008/10/20 08:16 |
| S78 | 6 | ((("0766330") or ("0908227") or ("0663231")).PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/08 09:09 |
| S79 | 0 | ("19990241611").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/08 11:07 |
| S80 | 3432 | praxair.as. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/01/08 11:08 |
| S81 | 22 | Multi-phase solid ion electron conducting membrane low volume percentage electron conducting phase methods fabricating | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/01/08 11:09 |

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| S82 | 3 | S80 S81 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/01/08 11:09 |
| S83 | 235615 | particle (magnesium or mg) (noble or precious or Pd or Pt or Rh or Ag or Au or RU or Ir) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/01/08 11:37 |
| S86 | 61 | S80 S83 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/01/08 11:52 |
| S87 | 1620 | membrane (oxygen or o2 or "o.sub.2") perovskite | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/01/08 11:52 |
| S88 | 5 | S80 S83 S87 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/01/08 11:53 |
| S89 | 1668 | particle same (magnesium or mg or mgo or "magnesium oxide") same (vanadi\$2 or v) dop\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/01/08 15:08 |
| S90 | 54 | S87 S89 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/01/08 15:08 |
| S93 | 88 | 204/639.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/01/08 18:12 |
| S94 | 769 | B01D53/22.ipc. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/01/08 18:13 |

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| S95 | 233 | 502/525.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/01/08 19:04 |
| S96 | 0 | S89 S95 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/01/08 19:04 |
| S97 | 11 | S87 S95 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/01/08 19:04 |
| S98 | 496 | particle same (magnesium or mg or mgo or "magnesium oxide") same (vanadi\$2 or v) same dop \$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/01/08 19:09 |
| S99 | 8 | S87 S98 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/01/08 19:10 |
| S100 | 0 | ("2007/0151857").URPN. | USPAT | AND | ON | 2009/01/08 19:11 |
| S101 | 2 | ("20040183055").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/08 19:12 |
| S102 | 1 | S87 S89 S101 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/01/08 19:12 |
| S103 | 1103 | 502/328.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/01/08 19:15 |

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| S104 | 1630 | (c25b1/04).IPCR. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/08 19:15 |
| S105 | 499 | 205/742.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/01/08 19:16 |
| S106 | 384 | 423/657.ccls. | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2009/01/08 19:16 |
| S107 | 457 | 423/657.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | AND | ON | 2009/01/08 19:16 |
| S108 | 728 | 423/579.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | AND | ON | 2009/01/08 19:16 |
| S109 | 576 | 423/658.2.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | AND | ON | 2009/01/08 19:16 |
| S110 | 1535 | 429/19.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | AND | ON | 2009/01/08 19:16 |
| S111 | 737 | 429/46.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | AND | ON | 2009/01/08 19:16 |
| S113 | 642 | particle same (magnesium or mg or mgo or "magnesium oxide") same (vanadi\$2 or v) same (dop \$3 or \$2pregna\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/01/12 09:08 |
| S114 | 117 | particle same (mgo or "magnesium oxide") same (vanadi\$2 or v) same (dop \$3 or \$2pregna\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/01/12 09:09 |
| S115 | 256 | (mgo or "magnesium oxide") same (vanadi\$2) same (dop\$3 or \$2pregna \$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/01/12 09:18 |

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| S116 | 158 | (mgo or "magnesium oxide") same (vanadi\$2) same (dop\$3 or \$2pregna \$4) and oxygen | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/01/12 09:19 |
| S117 | 7 | ("1403196").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/12 11:01 |
| S118 | 1620 | membrane (oxygen or o2 or "o.sub.2") perovskite | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/01/12 12:20 |
| S120 | 11 | S113 S118 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/01/12 12:20 |
| S121 | 1541 | vanadium dop\$3 mgo | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/01/12 16:11 |
| S122 | 89 | vanadium same dop\$3 same mgo | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2009/01/12 16:12 |
| S123 | 3 | ((("6770256") or ("6017504")).PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/12 16:58 |
| S124 | 2 | ("4791079").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/12 18:04 |
| S125 | 2 | ("4791079").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/07/23 15:25 |

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| S126 | 3 | bscfo or bscf same mgo | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/05/05 13:01 |
| S127 | 5 | (bscfo or bscf) same (mgo or noble or ag) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/05/05 13:01 |
| S128 | 9 | (bscfo or bscf) same2 (mgo or noble or ag) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/05/05 13:02 |
| S129 | 21 | (bscfo or bscf) (mgo or noble or ag) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/05/05 13:02 |
| S130 | 0 | ("2005/0026006").URPN. | USPAT | AND | ON | 2010/05/05 13:05 |
| S131 | 5 | ("20030012996" "4395468" "4861345" "5543239" "6632554"). PN. OR ("7563533").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2010/05/05 13:25 |
| S132 | 2 | "US 20070151857" | US-PGPUB; USPAT; USOCR; DERWENT | AND | ON | 2010/05/19 16:24 |
| S133 | 2 | ("6187157").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/05/19 16:52 |
| S134 | 3 | "60/476413" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 10:02 |
| S138 | 130 | investigation of the permeation behavior and stability of a oxygen membrane | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 10:28 |

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| S140 | 4 | investigation near10 permeation near10 behavior near10 stability near10 oxygen near10 membrane | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 10:29 |
| S141 | 0 | surface near10 bscfo near10 (precious or noble) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 10:46 |
| S142 | 0 | surface same bscfo near10 (precious or noble) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 10:46 |
| S143 | 0 | surface same bscfo same (precious or noble) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 10:46 |
| S144 | 380 | surface same perovskite same (precious or noble) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 10:47 |
| S145 | 125 | surface near10 perovskite same (precious or noble) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 10:47 |
| S146 | 44 | surface near10 perovskite near10 (precious or noble) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 10:47 |
| S147 | 94 | 204/639.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | AND | ON | 2010/10/27 11:55 |
| S148 | 1222 | 502/328.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | AND | ON | 2010/10/27 11:55 |
| S149 | 439 | ("502" "96").clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | AND | ON | 2010/10/27 11:55 |

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|------|--------|---|---|-----|-----|---------------------|
| S150 | 10 | ("502" "96" "204").clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | AND | ON | 2010/10/27 11:55 |
| S151 | 6 | ("0766330") or ("0908227") or ("0663231")).PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/10/27 11:55 |
| S152 | 0 | ("19990241611").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/10/27 11:55 |
| S153 | 3648 | praxair.as. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 11:55 |
| S154 | 25 | Multi-phase solid ion electron conducting membrane low volume percentage electron conducting phase methods fabricating | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 11:55 |
| S155 | 3 | S153 S154 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 11:55 |
| S156 | 287067 | particle (magnesium or mg) (noble or precious or Pd or Pt or Rh or Ag or Au or RU or Ir) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 11:55 |
| S157 | 71 | S153 S156 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 11:55 |
| S158 | 2026 | membrane (oxygen or o2 or "o.sub.2") perovskite | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 11:55 |

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| S159 | 6 | S153 S156 S158 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 11:55 |
| S160 | 2214 | particle same (magnesium or mg or mgo or "magnesium oxide") same (vanadi\$2 or v) dop\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 11:55 |
| S161 | 80 | S158 S160 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 11:55 |
| S162 | 94 | 204/639.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 11:55 |
| S163 | 1261 | B01D53/22.ipc. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 11:55 |
| S164 | 242 | 502/525.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 11:55 |
| S165 | 0 | S160 S164 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 11:55 |
| S166 | 12 | S158 S164 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 11:55 |
| S167 | 640 | particle same (magnesium or mg or mgo or "magnesium oxide") same (vanadi\$2 or v) same dop \$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 11:55 |

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| S168 | 12 | S158 S167 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 11:55 |
| S169 | 0 | ("2007/0151857").URPN. | USPAT | AND | ON | 2010/10/27 11:55 |
| S170 | 2 | ("20040183055").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/10/27 11:55 |
| S171 | 1 | S158 S160 S170 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 11:55 |
| S172 | 1222 | 502/328.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 11:55 |
| S173 | 2205 | (c25b1/04).IPCR. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/10/27 11:55 |
| S174 | 572 | 205/742.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 11:55 |
| S175 | 449 | 423/657.ccls. | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2010/10/27 11:55 |
| S176 | 522 | 423/657.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | AND | ON | 2010/10/27 11:55 |
| S177 | 766 | 423/579.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | AND | ON | 2010/10/27 11:55 |
| S178 | 638 | 423/658.2.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | AND | ON | 2010/10/27 11:55 |

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| S179 | 37 | 429/19.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | AND | ON | 2010/10/27 11:55 |
| S180 | 157 | 429/46.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | AND | ON | 2010/10/27 11:55 |
| S181 | 803 | particle same (magnesium or mg or mgo or "magnesium oxide") same (vanadi\$2 or v) same (dop \$3 or \$2pregna\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 11:55 |
| S182 | 144 | particle same (mgo or "magnesium oxide") same (vanadi\$2 or v) same (dop \$3 or \$2pregna\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 11:55 |
| S183 | 336 | (mgo or "magnesium oxide") same (vanadi\$2) same (dop\$3 or \$2pregna \$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 11:55 |
| S184 | 208 | (mgo or "magnesium oxide") same (vanadi\$2) same (dop\$3 or \$2pregna \$4) and oxygen | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 11:55 |
| S185 | 7 | ("1403196").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/10/27 11:55 |
| S186 | 2026 | membrane (oxygen or o2 or "o.sub.2") perovskite | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 11:55 |
| S187 | 16 | S181 S186 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 11:55 |

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| S188 | 2022 | vanadium dop\$3 mgo | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 11:55 |
| S189 | 103 | vanadium same dop\$3 same mgo | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 11:55 |
| S190 | 3 | ((("6770256") or ("6017504"))).PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/10/27 11:55 |
| S191 | 2 | ("4791079").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/10/27 11:55 |
| S192 | 2 | ("4791079").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/10/27 11:55 |
| S193 | 3 | bscfo or bscf same mgo | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 11:55 |
| S194 | 5 | (bscfo or bscf) same (mgo or noble or ag) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 11:55 |
| S195 | 9 | (bscfo or bscf) same2 (mgo or noble or ag) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 11:55 |
| S196 | 22 | (bscfo or bscf) (mgo or noble or ag) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 11:55 |

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|------|-----|--|---|-----|-----|---------------------|
| S197 | 0 | ("2005/0026006").URPN. | USPAT | AND | ON | 2010/10/27 11:55 |
| S198 | 5 | ("20030012996" "4395468" "4861345" "5543239" "6632554"). PN. OR ("7563533").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2010/10/27 11:55 |
| S199 | 2 | "US 20070151857" | US-PGPUB; USPAT; USOCR; DERWENT | AND | ON | 2010/10/27 11:55 |
| S200 | 2 | ("6187157").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/10/27 11:55 |
| S201 | 3 | "60/476413" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 11:55 |
| S202 | 130 | investigation of the permeation behavior and stability of a oxygen membrane | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 11:55 |
| S203 | 4 | investigation near10 permeation near10 behavior near10 stability near10 oxygen near10 membrane | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 11:55 |
| S204 | 0 | surface near10 bscfo near10 (precious or noble) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 11:55 |
| S205 | 0 | surface same bscfo near10 (precious or noble) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 11:55 |
| S206 | 0 | surface same bscfo same (precious or noble) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 11:55 |

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| S207 | 380 | surface same perovskite same (precious or noble) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 11:55 |
| S208 | 125 | surface near10 perovskite same (precious or noble) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 11:55 |
| S209 | 44 | surface near10 perovskite near10 (precious or noble) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/10/27 11:55 |

EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---------------|-----------------------|------------------|---------|------------------|
| S210 | 232 | 502/4.ccls. | US-PGPUB; USPAT; UPAD | AND | ON | 2010/10/27 11:56 |
| S211 | 987 | 502/328.ccls. | US-PGPUB; USPAT; UPAD | AND | ON | 2010/10/27 11:56 |
| S212 | 56 | 204/639.ccls. | US-PGPUB; USPAT; UPAD | AND | ON | 2010/10/27 11:56 |
| S213 | 399 | 205/742.ccls. | US-PGPUB; USPAT; UPAD | AND | ON | 2010/10/27 11:57 |
| S214 | 931 | 96/4.ccls. | US-PGPUB; USPAT; UPAD | AND | ON | 2010/10/27 11:57 |
| S215 | 497 | 423/579.ccls. | US-PGPUB; USPAT; UPAD | AND | ON | 2010/10/27 11:57 |
| S216 | 386 | 423/657.ccls. | US-PGPUB; USPAT; UPAD | AND | ON | 2010/10/27 11:57 |
| S217 | 152 | 423/658.ccls. | US-PGPUB; USPAT; UPAD | AND | ON | 2010/10/27 11:57 |

11/ 4/ 2010 11:47:22 AM**C:\ Documents and Settings\ APOLYANSKY\ My Documents\ EAST\ Workspaces\ 10569554.wsp**